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ÇÇÇ	000	000	NNNNN		NNN	VVV	VVV
ÇÇÇ	000	000	NNNNN		NNN	VVV	VVV
CCC	000	000	NNN		NNN	VVV	VVV
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CCC	000	000	NNN		NNN	VVV	VVV
CCC	000	000	NNN	NNN		VVV	VVV
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PM PM	DDDDDDDD	LLLLLLLLL

\*\*FILE\*\*ID\*\*CONVDEF

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CONVDEF

IDENT 'V04-000'

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CONVERT control structure definitions

Created by:

Keith Thompson

June-1981

Modified by:

V03-003 KBT0386 Keith B. Thompson 27-Oct-1982 Add ctx\$w\_free and remove conv\$v\_recl

V03-002 KBT0372 Keith B. Thompson 20-Oct-1982 Reorganize flags for user definitions

V03-001 KBT0356 Keith B. Thompson 6-Oct-1982
Merge the convert and reclaim definitions into one context block

CONVERT flag control bytes

The first 16 bits are user definied flags, the second 16 are internal

**S**STRUCT CONV F USER.W : User flags V < M SIGNAL : Signal errors FDL\_STRING ; The fdl spec. is a fdl string not a file name F INTERNAL . W ; Internal flags **V < M** IN Input file open Output file Exception file Sort file Rfa file OUT EXC SOR RFA SORTINIT Sort has been initialized ; The prologue option has been specified : 1: FIN -> PRN, 2: FIN -> STM, 3: PRN -> FIN ; Did Last record end with <CR>? (for FIN -> STM) PROLOG MAPFTN, 2 LAST CR. FIRST\_REC : Is this first record in FTN -> STM conversion?

CONVERT fast load and RECLAIM contex block definitions

NOTE: The address of the buffer and the VBN of the bucket

```
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CONVDEF.MDL:1
                      in the buffer must be in consecutive longwords.
          SSTRUCT
                                 CTX
          F CTRL,B
                                             : Control bytes
             V <M
             FST
                                             : First record in index
             STATUS
                                             : Status
             RDY
                                             : Bucket ready

    Double buffering flag
    Double buffering contex, bucket 0 - 1

             DBF
             DBX
             VBN,2
                                             : Bucket VBN size
             AREA.B
                                            : Area of bucket
: Level of bucket
             LEVEL .B
             CURRENT_BUFFER,L
                                             : Spare
                                             : Pointer to current buffer
                                              VBN of current bucket
Pointer to end of current bucket
Pointer to bucket 0
pointer to end of bucket 0
Pointer to bucket 1
             CURRENT_VBN,L
             END.L
             PTO,L
             ENO.L
             PT1,L
                                               pointer to end of bucket 1
Size in bytes of the bucket, has to be longword
             EN1,L
          F SIZ,L
           F FIRST_VBN,L
                                             ; First VBN in chain
          CONVERT specific definitions
                                            ; Amount of freespace available in empty bucket
; Amount of freespace left in bucket
; Amount of freespace used in bucket
          F FREE, W
          F SPC, W
           F USE, W
                                               VBN pointer size
             VSZ.B
             ,B
RCP,L
                                               Spare
                                               Record control pointer
             RDP,L
                                               Record data pointer
             RCS.W
                                               Record control size
             RDS.W
                                               Record data size
          F LKP,L
                                            : Last key pointer
          L BLN_CONV
          RECLAIM specific definitions
           F PREVIOUS_BUFFER,L
F PREVIOUS_VBN,L
                                               Pointer to previous buffer
                                               VBN of previous bucket
Pointer to last buffer
          F LAST_BUFFER
F LAST_VBN
F NEXT_VBN,L
F SAVE_VBN,L
F BUCKET_SIZE,W
                                             : Last VBN in chain
: Next VBN in chain
                                               Place keeper VBN
Size in bytes of the bucket
                                             : Spare
          L BLN_RECL
```

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L BLN

; Length of block

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